

Army Test and Training Investment Conference ATTIC

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and Technology Integration

Live Fire Test and Training Symposium
Orlando, FL August 14, 2001



Outline

A ★

Vision

T ★

Plans

T ★

ATIP

I ★

Strategy

C ★

ATTIC

★

Achievements

★

Conclusions



Vision:

- ★ At minimal cost
- ★ Applying community's existing processes

seamlessly bring
Training Community Requirements
TOGETHER
With
Testing Community Requirements



★ Utilize existing Visions and Plans



Plans:

- ★ Bring the testers and trainers together
 - Common focus
 - Common technology investments
 - Best bang for the buck

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ATIP

★ ATIP looks into the:

- Joint and Service specific master plans
 - ◆ What are the new technologies funded by the Army?
 - ◆ Who are the experts?
 - ◆ What is the impact to the (Test or Training) community of these new technologies?
 - ◆ What S&T community investments can we leverage?
- Army Visions
 - ◆ Where is the Army heading OVERALL that will impact the test and training communities?
 - ◆ As we make mutual investment decisions, which ones will give us the best “bang for the buck” to prepare for the future?
 - ◆ How can we best manage assets and resources?

★ ATIP provides the communities awareness of:

- The DoD and Army Direction
- The links to the S&T Community and its technologies
- The data to intelligently recommend prioritization of mutual investments



STRATEGY

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Army POM

(Determines actual \$ Investments
For Test and Training)

ATTIC Conference

(Reviews Investments Common to Test/Tng)

Test and Training Needs & Requirements
(Identifies the T&E and Tng Needs for the Future)

Advanced Technology Investigation Program
(A look at the S&T Investments that correspond to Test and Training Priorities)

Army Science & Technology Master Plan
(A look at the developments that are underway to shape the Army's future)

Army Transformation Plan
(A full spectrum look at the Army's future)

Focus Resources on the Highest Priorities
In the Technology Spectrum!



Step 1: Determine Influence of the Army's Directions on Testing and Training

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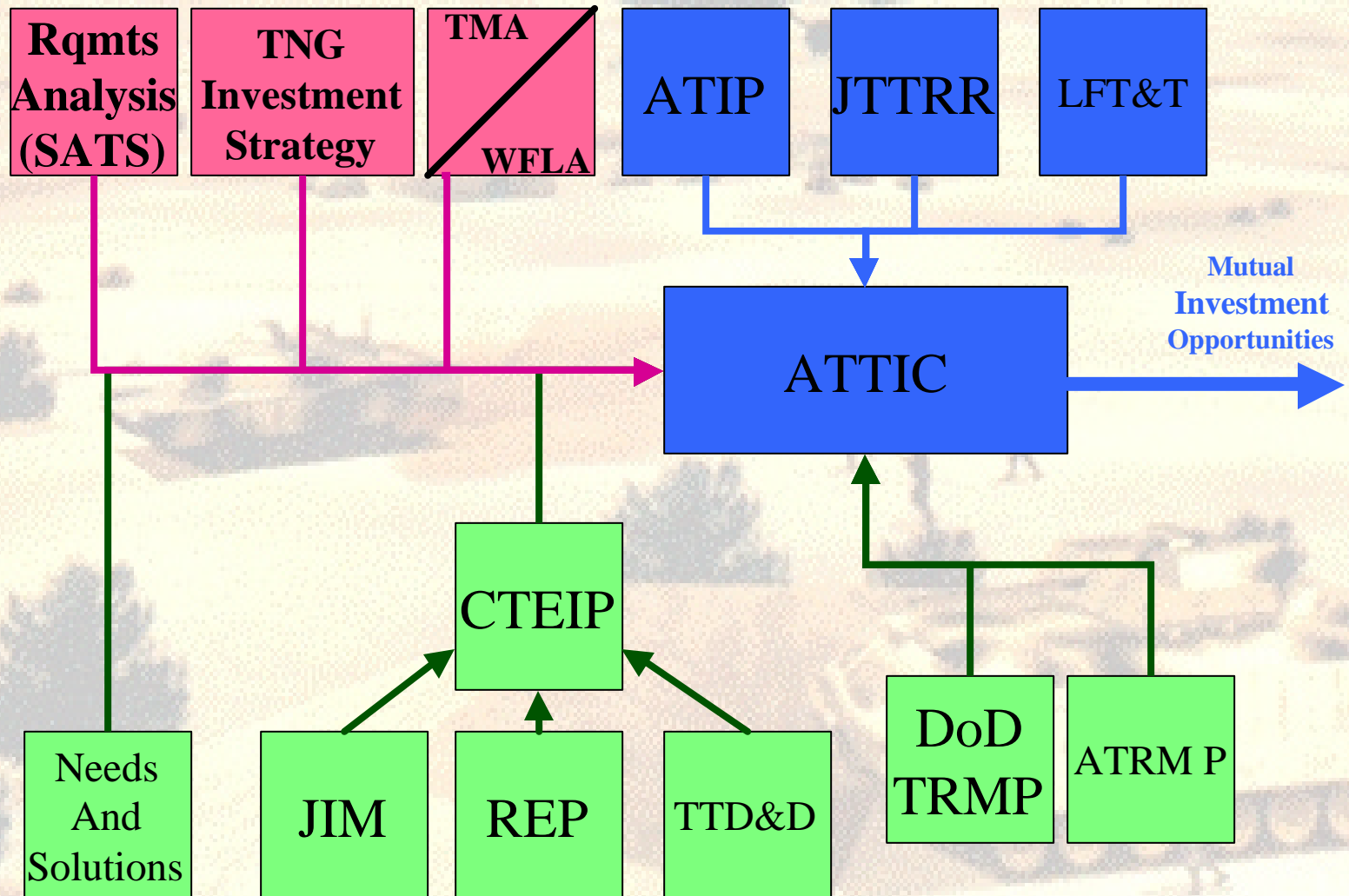
ATIP-Test
Determines impacts to
Test Community
Investments

ATIP-Integration
Determines where
Test and Training
Come Together

ATIP-Training
Determines impacts to
Training Community
Investments










Step 2: *Integrate Process Findings and Identify Shared Opportunities*










Step 3: Provide the Forums to Facilitate Interaction



ATTIC EXCOM

Test	Training
 ATEC HQ ODCSOPS	 TRADOC ATSC
 PM ITTS PMO and IMO	 PM TRADE Chief Engineer
 HQDA DACS-TE	 HQDA DAMO-TR
INVITED ON A CASE BY CASE BASIS	
 SMDC KMR Support Office HELSTF Range	

ATTIC GO Panel

 Host: CG, STRICOM	
Test	Training
 DAMO-FD PEG Manager	 DAMO-PA&E PEG Manager
 CG, ATEC	 DCS(T) TRADOC
 Director, TEMA	 Director, DAMO-TR



ATTIC

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ATTIC is a partnered and equitably shared process fostering interaction between the Army Test and Training Communities. This forum establishes standards and agreements that enable the two communities to meet, identify their emerging requirements, share their needs and requirements identification processes, and create more technologically advanced capabilities through the intelligent investment of resources.





Achievements



Improving Our Capabilities Together

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Testers and Trainers Developing a
Common Vehicular Interface



Identifying Investment Opportunities Together

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OPFOR BMP-2



OPFOR T-80 Tank



OPFOR HIND Helo



Target (Actual) BMP-2



Target (Actual) T-80 Tank



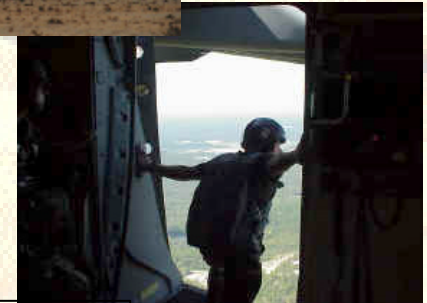
Threat (Actual) HIND Helo

Test and Training Threat Communities
Sharing Ancillary Device Technology



Investing Together

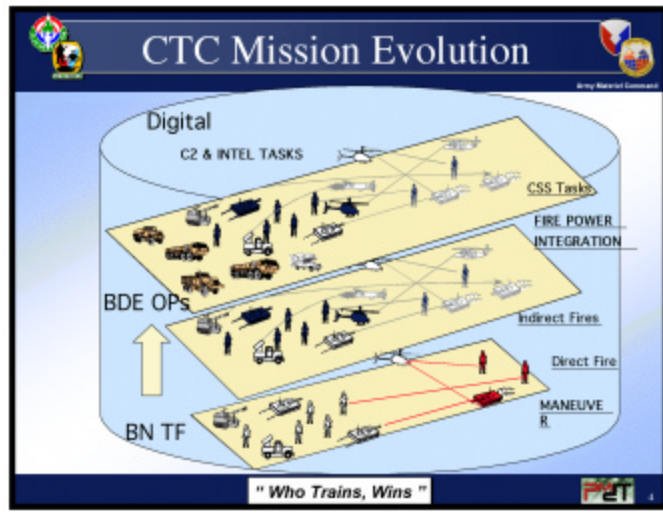
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Investigating Shared
TSPI Requirements



Evolving Together



Common Training
Instrumentation Architecture



Foundation Initiatives 2010

Working Together to Share
HLA Interfaces and Technologies



ATTIC



OTTIS System

Future Satellite

To Lab or Classroom

Repeaters

CCF/A

...Compatible
with MAIS and
ATCCS

Smart IR/RF Targets

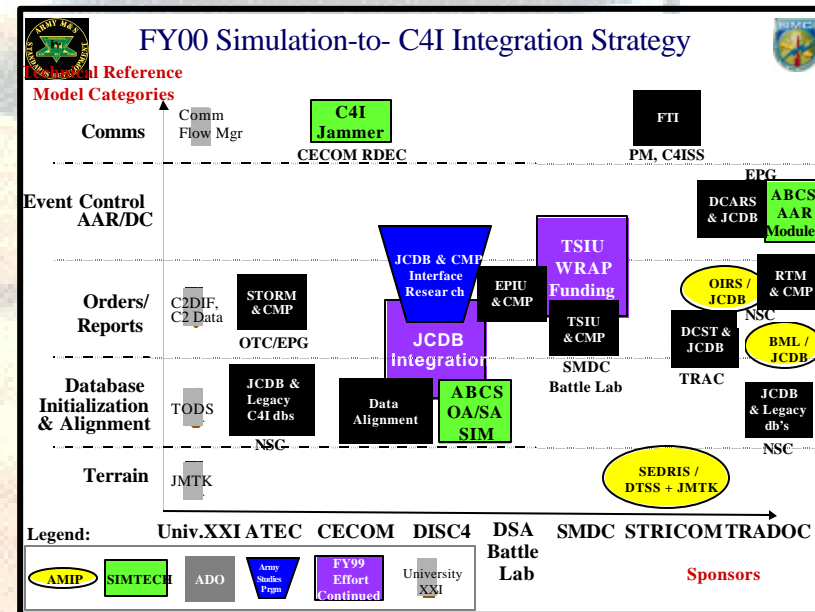
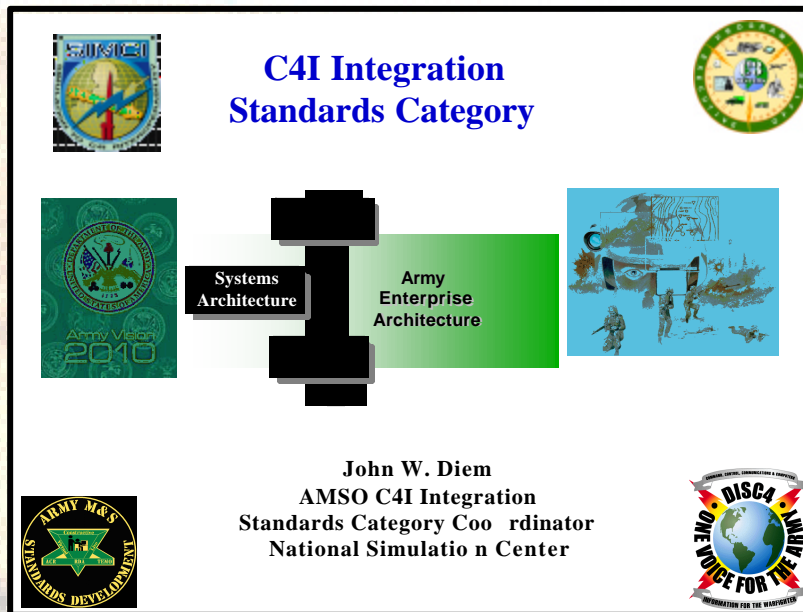
Realistic Testing *AND* Training

ATTIC Delivers PM/PEO Needs and Capabilities to a Combined Testing and Training Forum



Learning Together

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Seeking Mutual Opportunities
within Army C4I Investment Plans

Reusing Technology Together

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DCST-TRADOC

WHERE TOMORROW'S VICTORIES BEGIN
TPO OneSAF

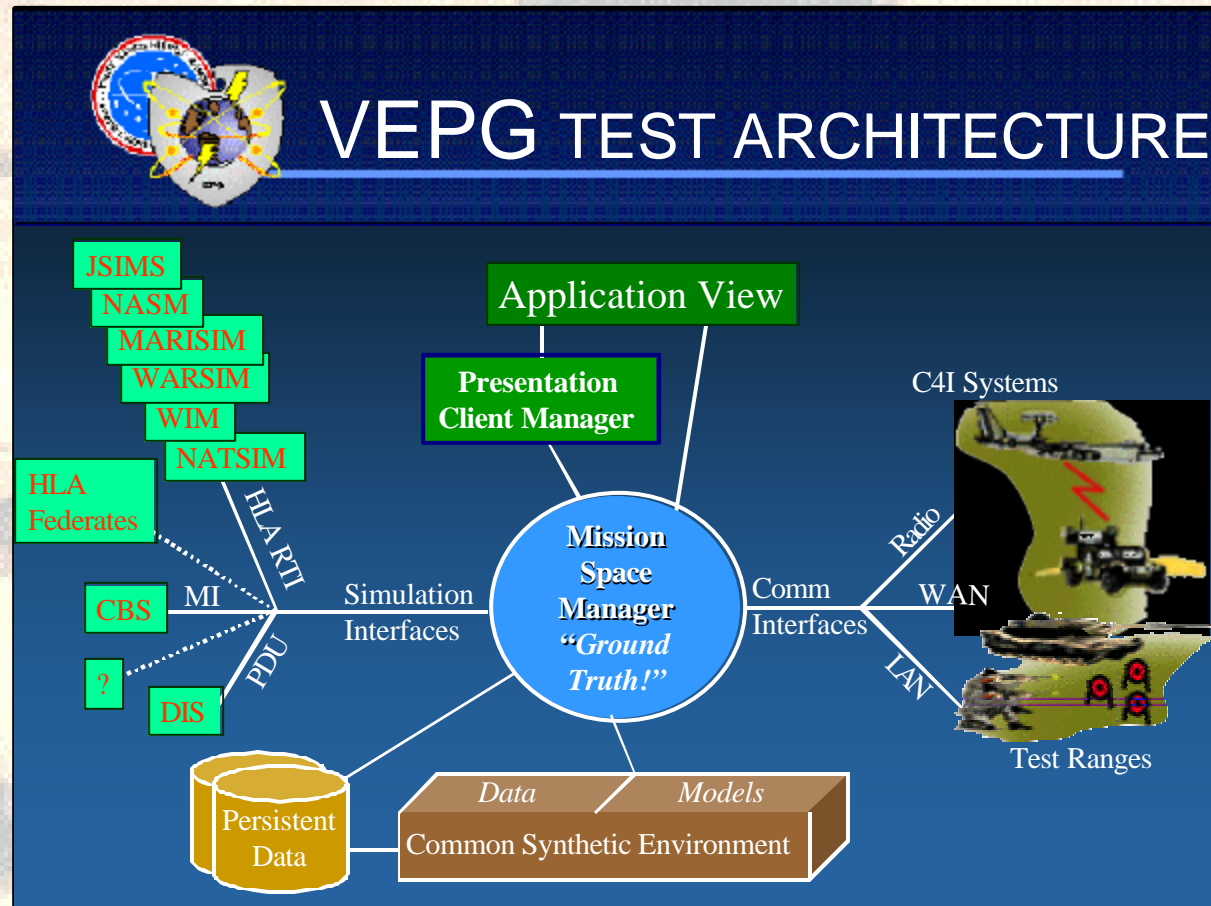
Slide 1

Testers Reapplying a Training Technology!



Reusing Technology Together

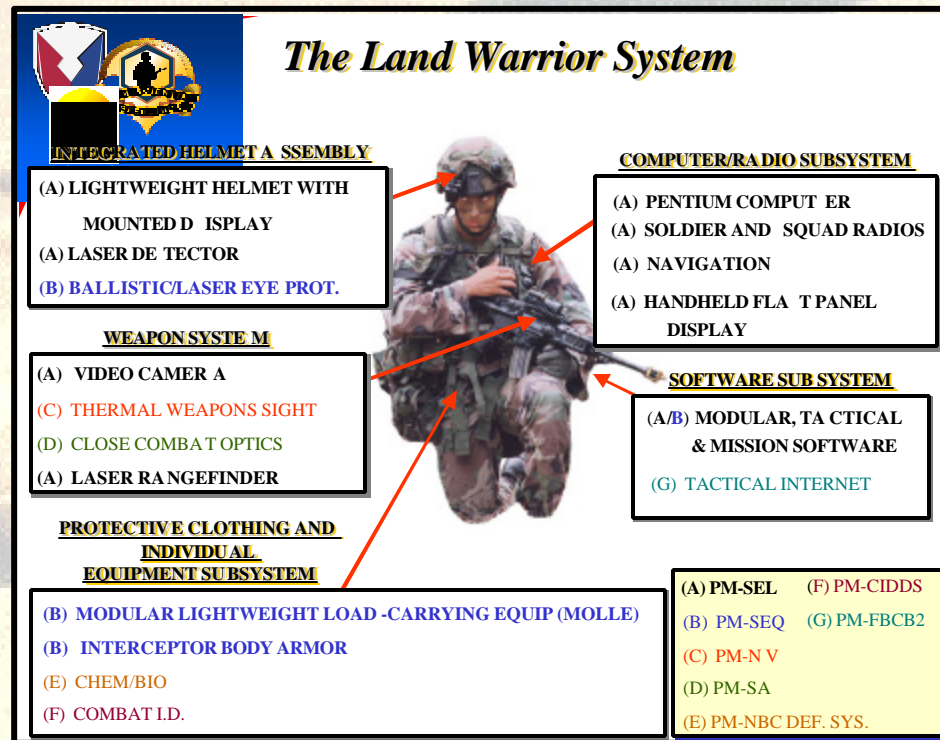
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Trainers Reapplying a Testing Technology!

Merging Technologies with Combat Systems PMs and PEOs

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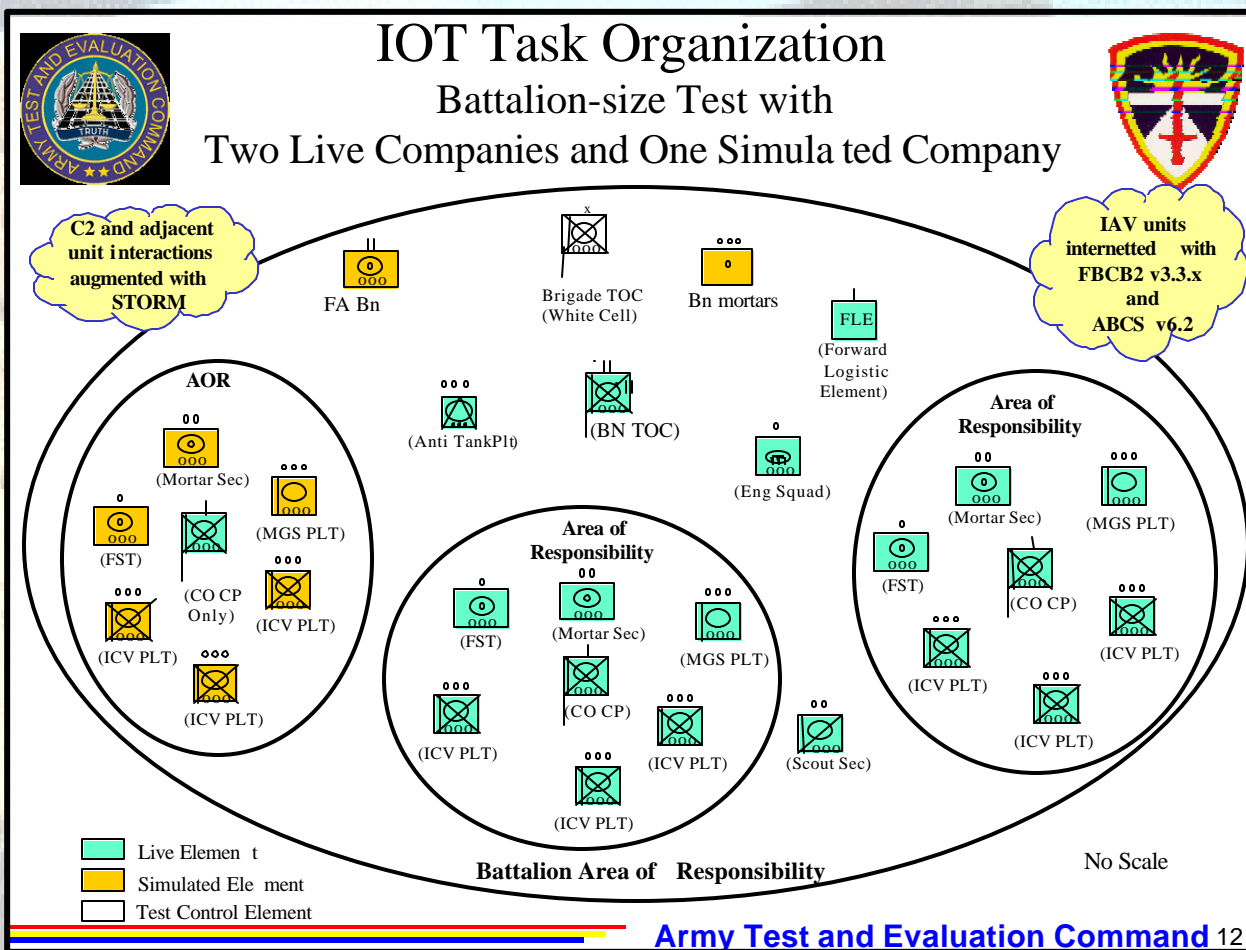


Finding Shared Investment Options Beyond Testing and Training



Preparing Together

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Addressing the Plans and Needs of the
Transformational Force . . . TOGETHER!



Pursuing Opportunities Together



Looking to Other Government Agencies
for Mutual Solutions to Army Issues



Gaining Support Together



**Reaching out beyond the Military
to Establish Uniform Standards**



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Preparing Together

Corporate
memory

Your office
on any screen

Digital
Dashboard

**Knowledge
Workers
Without
Limits**

Electronic
paper

Meetings
without
walls

Computers
that see, listen
and learn

Windows 2000

Windows Media Overview

Integrated with
what you have

- Built into Windows platform
- Integrated in Office 2000, Exchange
- Integrates seamlessly into browser

Easiest, most
efficient path to
implementation

- ♦ Supports industry and de-facto standards
- ♦ Fastest, simplest encoding and publishing
- u Lowest cost solution, leads to rapid ROI

Best end-user
experience

- u Highest quality audio and video at any speed
- u Most scalable delivery, optimizing experience
- u Customizable player, control UI and branding

Windows 2000

Preparing Together for
Future Commercial Innovations



Conclusion

**ATTIC Brings Together
Test and Training Needs
AT INCEPTION**

**To Better Serve the
Ultimate Customer**



The Soldier!

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ATIP

Learning Together

ATTIC

Planning Together

The Army POM

Investing Together



Next Meeting:

November 13 - 15, 2001

Focus:

“Testing and Training in Support of the Army Transformation”

Location: The Dulles Hilton Hotel, Herndon, VA

Online Registration and Details:

<http://www.attic.jcte.jcs.mil>

